Hits 1308	Search Text VERSION WITH DIRECTOR\$3	DB USPAT;	Time stamp
1308	I VERSION WITH DIRECTORSS		
	12.010.0 112.11 22.112010.11	US-PGPUB;	2003/10/31 09:39
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548	(VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT	USPAT; US-PGPUB; EPO;	2003/10/31 09:39
88	((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND TRACK WITH VERSION	USPAT; US-PGPUB; EPO;	2003/10/31 09:39
88	((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)	USPAT; US-PGPUB; EPO;	2003/10/31 09:40
4	(((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND (TRAVERS\$3 WITH PATH)	USPAT; US-PGPUB; EPO;	2003/10/31 09:43
81	(((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH	USPAT; US-PGPUB; EPO;	2003/10/31 09:44
60	((((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH) AND (UPDAT\$3 WITH DIRECTOR\$3)	USPAT; US-PGPUB; EPO;	2003/10/31 09:44
32	(((((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH) AND (UPDAT\$3 WITH	USPAT; US-PGPUB; EPO;	2003/10/31 09:44
32	(((((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH) AND (UPDAT\$3 WITH	USPAT; US-PGPUB; EPO;	2003/10/31 09:54
28	(((((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH) AND (UPDAT\$3 WITH DIRECTOR\$3)) NOT (((((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH) AND (UPDAT\$3 WITH DIRECTOR\$3)) AND "SOFTWARE	IBM_TDB USPAT; US-PGPUB; EPO; IBM_TDB	2003/10/31 09:57
26	((((((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH) AND (UPDAT\$3 WITH DIRECTOR\$3)) NOT (((((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH) AND (UPDAT\$3 WITH DIRECTOR\$3)) AND "SOFTWARE	USPAT; US-PGPUB; EPO; IBM_TDB	2003/10/31 09:57
41	((((((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH) AND (UPDAT\$3 WITH DIRECTOR\$3)) NOT (((((VERSION WITH DIRECTOR\$3)) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH) AND (UPDAT\$3 WITH DIRECTOR\$3)) AND "SOFTWARE PRODUCTS")) NOT ((((((VERSION WITH DIRECTOR\$3)) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH) AND (UPDAT\$3 WITH DIRECTOR\$3)) NOT (((((VERSION WITH DIRECTOR\$3)) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH) AND (UPDAT\$3 WITH	USPAT; US-PGPUB; EPO; IBM_TDB	2003/10/31 09:58
	88 88 4 81 60 32 28	SERVER AND CLIENT ((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND TRACK WITH VERSION ((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION) (((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND (TRAVERS\$3 WITH PATH) (((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH (((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH) AND (UPDAT\$3 WITH DIRECTOR\$3) (((((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH) AND (UPDAT\$3 WITH DIRECTOR\$3) AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH) AND (UPDAT\$3 WITH DIRECTOR\$3)) AND "SOFTWARE PRODUCTS") (((((VERSION WITH DIRECTOR\$3)) AND "SOFTWARE PRODUCTS")) AND TREE (((((VERSION WITH DIRECTOR\$3)) AND "SOFTWARE PRODUCTS")) AND TRACK WITH VERSION)) AND PATH) AND (UPDAT\$3 WITH DIRECTOR\$3) AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH) AND (UPDAT\$3 WITH DIRECTOR\$3) AND UPDAT\$3 AND SE	SERVER AND CLIENT ((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND TRACK WITH VERSION ((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION) (((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND (((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH ((((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND PATH AND (UPDAT\$3 WITH DIRECTOR\$3) (((((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND SERVER AND CLIENT AND (TRACK WITH VERSION)) AND SERVER AND CLIENT AND (TRACK WITH VERSION)) AND SERVER AND CLIENT AND (TRACK WITH VERSION)) AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) (((((VERSION WITH DIRECTOR\$3) AND UPDAT\$3 AND SERVER AND CLIENT) AND (TRACK WITH VERSION)) AND SERVER AND CLIENT) AND (TRACK WITH VERSION) AND SER

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0			2003/10/3	USPA T; US-P GPUB; IBM_ TDB	7 AND "SOFTWARE PRODUCT"	32 P.	L8	BRS	ω
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4	Reed, Drummond Shattuck et al.								US 20020095454
Ν	Reed, Drummond Shattuck et al.	⊠							US 6345288
ω	Reed, Drummond Shattuck et al.	⊠							US 6088717
4	Inglett, Scott D.	☒							US 5905990
Л	Reed, Drummond Shattuck et al.	⊠							US 5862325
σ	Bowman, Philip B. et al.	×							US 5440738

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P	Manley, Stephen L. et al.								US 20030182322	
2	Chen, Raymond C. et al.									
ω	Nakano, Russell T. et al.								US 20030028517	
4	Forbes, Jonathan A. et al.								US 20020144248	
σ	Pujare, Sanjay et al.								US 20020083183	
δ	Elliott, Isaac K. et al.								US 20020064149	
7	NAKANO, RUSSELL T. et al.								US 20020049697	
8	FORBES, JONATHAN A. et al.								us 20010029605	
9	Armangau, Philippe et al.								US 6549992	
10	Nakano, Russell T. et al.								US 6505212	

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\bigcirc	11)	Ø		US B2	6381742	20020430	23	Software package management	717/176	707/203	
	12	⊠		US B1	6335927	20020101	376	System and method for providing requested quality of service in a hybrid network	370/352		
	13	Ø		us B1	6223343	20010424	3 6	Computer system and method to track and control element changes throughout application development	717/101	707/203; 717/122	
	14	⊠		US A	6094654	20000725	401	Data management system for file and database management	707/8	707/10; 707/102; 707/3; 707/4	
	15	×		US A	6088693	20000711	799	Data management system for file and database management	707/8	707/1; 707/10; 707/203; 707/3; 707/4	
	16	Ø		US A	6035297	20000307	312	Data management system for concurrent engineering	707/8	707/10; 707/203	
	77	⊠		US A	5999525	19991207	331	Method for video telephony over a hybrid network	370/352	370/389; 370/392; 379/114.15; 379/90.01;	
5	18	×		US A	5950201	19990907	7%	Computerized design automation method using a single logical PFVL paradigm	707/10	700/96; 707/102; 707/203; 707/4; 707/8; 709/201	
	19	☒		US A	5920873	19990706	00 h	Data management control system for file and database	707/202	707/201; 707/203; 707/204	

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11	Forbes, Jonathan A. et al.								US 6381742	
12	Elliott, Isaac K. et al.								US 6335927	
13	Hopwood, Rene S. et al.								US 6223343	
14	Van Huben, Gary Alan et al.								US 6094654	
15	Van Huben, Gary Alan et al.									
16	Van Huben, Gary Alan et al.									
17	Krishnaswamy, Sridhar et al.									
18	Van Huben, Gary Alan et al.									
19	Van Huben, Gary Alan et al.									

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20	Ø		US 5920867 A	19990706	38	Data management system having data management configuration	707/101	707/203; 707/8	
21	☒		US 5878408 A	19990302	73	Data management system and process	707/1	707/200	
22	⊠		US 5867495 A	19990202		ethod and f manufacture nications calling,	370/352	370/389; 370/392; 379/11; 379/115.01	
					754	plans in a hybrid network		; 379/90.01; 379/93.07	
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([A		379	a communication system architecture		; 379/90.01; 379/93.07	
24	⊠		US 5864875 A	19990126	224	Data management system for problems, releases and parts	707/200	707/10; 707/201; 707/203; 707/8	
25	⊠		US 5826265 A	19981020	384	Data management system having shared libraries	707/8	707/10; 707/102; 707/3; 707/4; 707/9	
26	⊠		US 5812130 A	19980922	£11	Data management system and method for concurrent engineering	345/764	399/81; 707/3	
27	×		US 5608865 A	19970304	84	Stand-in Computer file server providing fast recovery from computer file server failures	714/1	707/200; 714/6	
28	Ø		US 4853843 A	19890801	45,	System for merging virtual partitions of a distributed database	707/203	707/202	

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Ecklund, Denise J.	Midgely, Christopher W. et al.	Van Huben, Gary Alan et al.	Van Huben, Gary Alan et al.	Van Huben, Gary Alan et al.	Krishnaswamy, Sridhar et al.	Elliott, Isaac K. et al.	Van Huben, Gary Alan et al.	Van Huben, Gary Alan et al.	Inventor
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	1	⋈		US 20020150094 20021017 A1		69	Hierarchical level-based internet protocol multicasting	370/389	370/395.1	
\	2	Ø		US 20020143795 20021003 A1		19	Improved method and system of computer file management	707/200		,
	ω	⊠		US 5864875 A	19990126	224	Data management system for problems, releases and parts	707/200	707/10; 707/201; 707/203; 707/8	part vand,
\sim	(4)	⊠		US 5608865 A	19970304	84	Stand-in Computer file server providing fast recovery from computer file server failures	714/1	707/200; 714/6	

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286	282	280	326	281	280	280	284	281	280	303	Pages
Assertion component in environment services patterns	Attribute dictionary in a business logic services environment	Stream-based communication in a communication services patterns environment	Prioritizing components of a network framework required for implementation of technology	Abstraction factory in a base services pattern 7 environment	Efficient server side data retrieval for execution of client side applications	View configurer in a presentation services patterns environment	Activity component in a presentation services patterns environment	Request batcher in a transaction services ratterns environment	Presentation services patterns in a netcentric environment	A VIEW CONFIGURER IN A PRESENTATION SERVICES 3 PATTERNS ENVIROMENT	Title
714/38	717/108	709/227	703/27	06/50	709/219	345/764	709/201	709/207	709/228	345/765	Current OR
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	Method for translating an object attribute converter in an information services patterns environment	Multi-object fetch component	Identification of redundancies and omissions among components of a web based architecture	Multi-object identifier system and method for information service pattern environment	Fixed format stream in a communication services patterns environment	Piecemeal retrieval in an information services patterns environment	Block-based communication in a communication services patterns environment	Load balancer in environment services patterns	Title
	707/10	709/217	717/151	707/103R	709/236	717/126	709/219	709/203	Current OR
	707/1	709/219	703/2; 709/231	707/101; 707/102; 707/103X; 707/202; 707/203; 711/118	709/246	700/80; 707/5; 717/101; 717/102; 717/108; 717/109; 717/113	707/10; 709/203; 709/329	709/105; 709/226	Current XRef
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12	Bowman-Amuah, Michel K.									
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17	Guheen, Michael F et al.									
18	Bowman-Amuah, Michel K.									
19	Bowman-Amuah, Michel K.									
20	Guheen, Michael F. et al.									

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21			US B1	6502213	20021231		System, method, and article of manufacture for a polymorphic exception handler in environment services patterns	714/49	710/266; 710/268; 710/269	
22	Ø		US B1	6496850	20021217		Clean-up of orphaned server contexts	709/203	707/102; 709/224; 709/228	
23	☒		US B1	6477665	20021105		System, method, and article of manufacture for environment services patterns in a netcentic environment	714/39	712/244	
24	☒		US B1	6477580	20021105		Self-described stream in a communication services patterns environment	709/231	709/236	
25	⊠		US B1	6473794	20021029		System for establishing plan to test components of web based framework by displaying pictorial representation and conveying indicia coded components of existing network framework	709/223	709/224	
26	×		US B1	6442748	20020827		System, method and article of manufacture for a persistent state and persistent object separator in an information services patterns environment	717/108	707/103R; 707/104.1; 707/9; 709/316	
27	☒		US B1	6438594	20020820		Delivering service to a client via a locally addressable interface	709/225	709/203; 709/217; 709/250	

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21	Bowman-Amuah, Michel K.									
22	Bowman-Amuah, Michel K.									
23	Bowman-Amuah, Michel K.									
24	Bowman-Amuah, Michel K.									
25	Guheen, Michael F. et al.									
26	Bowman-Amuah, Michel K.									
27	Bowman-Amuah, Michel K.									

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8	⊠		US 6434628 B1	20020813		Common interface for handling exception interface name with additional prefix and suffix for handling exceptions in environment services patterns	714/48	714/1; 714/15
29	☒		US 6434568 B1	20020813		Information services patterns in a netcentric environment	707/103R	707/10; 709/203
30	Ø		US 6339832 B1	20020115		Exception response table in environment services patterns	714/35	710/266; 710/48; 714/50
31	×		US 6332163 B1	20011218		Method for providing communication services over a computer network system	709/231	709/217; 709/223; 709/227; 709/329
32	⊠		US 6289382 B1	20010911		System, method and article of manufacture for a globally addressable interface in a communication services patterns environment	709/226	

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ы	☒		US 20030195949 A1	20031016	21	Methods and systems for obtaining computer software via a network	709/219	709/222; 717/176
ν	Ø		US 20020129094 A1	20020912	48	Software and method for automatically sending a data object that includes user demographics	709/203	
ω	Ø		US 20020124055 A1	20020905	46	Software and method for automatically pre-fetching additional data objects referenced by a first data object	709/218	
4	☒		US 20020095454 A1	20020718	126	Communications system	709/201	707/10; 707/203; 707/204; 709/212; 709/228; 709/242; 709/244
И	Ø		US 20020073106 A1	20020613	26	Intelligent data inventory and asset management system method and apparatus	707/200	
6	☒		US 20020069282 A1	20020606	48	Method and system for distributing updates	709/227	709/228; 710/10; 710/11; 710/8
7	×		US 20020016956 A1	20020207	12	Method and system for identifying and obtaining computer software from a remote computer	717/170	
ω	☒		US 20010042112 A1	20011115	22	Methods and systems for obtaining computer software via a network	709/220	

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Ъ	Slivka, Benjamin W. et al.								Sn	949	
2	Reisman, Richard R.								Sn	20020129094	
ω	Reisman, Richard R.								Sn	20020124055	
4	Reed, Drummond Shattuck et al.								Sn	20020095454	
ហ	Parker, James A. et al.								Sn	20020073106	
Q	Reisman, Richard R.								Sn	20020069282	
7	Fawcett, Philip E.								US	20020016956	
8	Slivka, Benjamin W. et al.								Sn	20010042112	

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	14	Ø		US B1	6327617	20011204	14	Method and system for identifying and obtaining computer software from a remote computer	709/219	713/100; 717/173	
	15	Ø		US B1	6256668	20010703	22	Method for identifying and obtaining computer software from a network computer using a tag	709/220		
	16	⊠		US A	6088717	20000711	128	Computer-based communication system and method using metadata defining a control-structure	709/201	707/10; 707/104.1; 707/203; 707/204; 709/212; 709/227; 709/229; 709/229; 709/242; 709/244	
	17	⊠		US A	6073214	20000606	16	Method and system for identifying and obtaining computer software from a remote computer	711/133	711/156; 711/170; 717/170; 717/170; 717/173	
_	(18)	×		US A	6049671	20000411	22	Method for identifying and obtaining computer software from a network computer	717/173		
	19	Ø		US A	5862325	19990119	130	Computer-based communication system and method using metadata defining a control structure	709/201	704/270.1; 707/10; 707/203; 707/204; 709/212; 709/228; 709/242; 709/244	
	20			US A	5845077	19981201	13	Method and system for identifying and obtaining computer software from a remote computer	709/221	717/173	

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2	3515	DIRECTOR\$3 WITH PATH	USPAT;	2003/10/31 10:35
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3	33	("SOFTWARE PRODUCT" WITH VERSION) AND	USPAT;	2003/10/31 10:35
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20011115	20020207	20020606	20020613	20020718	20020905	20020912	20031016	Issue Date
22	12	48	26	126	46	48	21	Pages
Methods and systems for obtaining computer software via a network	Method and system for identifying and obtaining computer software from a remote computer	Method and system for distributing updates	Intelligent data inventory and asset management system method and apparatus	Communications system	Software and method for automatically pre-fetching additional data objects referenced by a first data object	Software and method for automatically sending a data object that includes user demographics	Methods and systems for obtaining computer software via a network	Title
709/220	717/170	709/227	707/200	709/201	709/218	709/203	709/219	Current OR
		709/228; 710/10; 710/11; 710/8		707/10; 707/203; 707/204; 709/212; 709/228; 709/242; 709/244			709/222; 717/176	Current XRef
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	Computer-based communication system and method using metadata defining a control-structure	Intelligent inventory & management method and	Method and system for distributing updates presenting directory software available fouser installation the is not already installed on user station	Methods fo electronic	User station software that controls transport and presentation of content from a remote source	
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14			US B1	6327617	20011204	14	Method and system for identifying and obtaining computer software from a remote computer	709/219	713/100; 717/173	
15	×		US B1	6256668	20010703	22	Method for identifying and obtaining computer software from a network computer using a tag	709/220		
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14	Fawcett, Philip E.								sn	6327617	
15	Slivka, Benjamin W. et al.								SD	6256668	
16	Reed, Drummond Shattuck et al.								us	6088717	
17	Fawcett, Philip E.	⊠							US	6073214	
81	Slivka, Benjamin W. et al.	Ø							Sn	6049671	
19	Reed, Drummond Shattuck et al.								SD	5862325	
20	Fawcett, Philip E.	Ø		. 🗆					us	5845077	



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Exec Dt: 09/26/2001

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